AMENDMENTS TO THE CLAIMS

Claims 1-21. (Cancelled)

22. (Currently Amended) A method for recording data on an optical recording medium, comprising the steps of:

reading out a reference recording condition recorded on an optical recording medium;

recording test data while varying a recording condition with respect to the reference recording condition;

determining an optimum recording power, based on reproduction characteristics of the test data; and

recording a recording condition data including the optimum recording power, recorder identification, recording speed and write strategy on a specific area of the optical recording medium,

wherein the specific area of the optical recording medium is a lead-in area or an area inner than the lead-in area of the optical recording medium, and

wherein the recording condition data corresponds to a current recording of data on the optical recording medium and is to be used by a subsequent recording of data on the optical recording medium.

23. (Canceled)

24. (Previously Presented) The method of claim 22, wherein the specific area includes respective lead-in areas of sessions of the optical recording medium.

25. (Currently Amended) The method of claim 22, wherein the recording condition data is recorded repeatedly on the specific area if the subsequent recording of the data is performed by a recorder having a different recorder identification than a recorder having the recorder identification for the current recording of the data or a

recording speed of the subsequent recording of the data is different than a recording speed of the current recording of the data, the method further comprises recording new recording condition data corresponding to the subsequent recording of the data on the specific area of the optical recording medium.

26.   (Previously Presented) The method of claim 22, wherein the recording condition data further includes a synch code.

27.   (Previously Presented) The method of claim 22, wherein the recording condition data further includes a classification data to identify the recording condition data.

28.   (Currently Amended) A method for recording data on an optical recording medium, comprising the steps of:

reading out a reference recording condition recorded on an optical recording medium;

recording test data while varying a recording condition with respect to the reference recording condition and a predetermined recording speed;

determining an optimum recording power, based on reproduction characteristics of the test data; and

recording a recording condition data including the optimum recording power for the specific recording speed and write strategy for the specific recording speed to be used or used to record data, on a specific area of the optical recording medium,

wherein the specific area of the optical recording medium is a lead-in area or an area inner than the lead-in area of the optical recording medium, and

wherein the recording condition data corresponds to a current recording of data on the optical recording medium and is to be used by a subsequent recording of data on the optical recording medium.

29.   (Cancelled)

30.   (Previously Presented) The method of claim 28, wherein in the step of recording the recording condition data, recording condition data for different recording speeds is recorded on the specific area.

31.   (Previously Presented) The method of claim 30, wherein in the step of recording the recording condition data, the recording condition data for different recorder Ids is recorded on the specific area.

32.   (Previously Presented) The method of claim 31, wherein the recording condition data further includes a classification data to identify the recording condition data.

33.   (Previously Presented) The method of claim 28, wherein the recording condition data further includes a synch code.

34.   (Previously Presented) The method of claim 28, wherein the recording condition data further includes a recorder ID identifying a device where the recording is performed.

35.   (Previously Presented) The method of claim 28, wherein the recording condition data further includes a classification data to identify the recording condition data.

36.   (Previously Presented) The method of claim 22, wherein the recording speed is at least one of a plurality of recording speeds.

37.   (New) The method of claim 28, wherein if the subsequent recording of the data is performed by a recorder having a different recorder identification than a

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recorder having the recorder identification for the current recording of the data or a recording speed of the subsequent recording of the data is different than a recording speed of the current recording of the data, the method further comprises recording new recording condition data corresponding to the subsequent recording of the data on the specific area of the optical recording medium.